Project Planning - [Milestone, Activity List & Sprint Delivery Plan]

Date	21 October 2022
Team ID	PNT2022TMID18172
Project Name	Exploratory Analysis of RainFall Data in India for Agriculture
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation:

SPRINT NO	FUNCTION PERFORMED	TASK	STORY POINTS	PRIORITY	TEAM MEMBERS
SPRINT-1	Data Collection and processing	The needed data for processing and cleaning of the same has been done	20	High	L.Hirithik kalin, B.Dineshmani, S.Mohammed Baseer, N.Sakthi Saravanan
SPRINT-2	Model Building	Splitting of data into two sets and testing of the data is done	20	High	L.Hirithik kalin, B.Dineshmani, S.Mohammed Baseer, N.Sakthi Saravanan
SPRINT-3	Integrating with flask	Python has been integrated with flask framework	20	High	L.Hirithik kalin, B.Dineshmani, S.Mohammed Baseer, N.Sakthi Saravanan
SPRINT-4	Deployment of code	Deployment of code has been done	20	High	L.Hirithik kalin, B.Dineshmani, S.Mohammed Baseer, N.Sakthi Saravanan

Project Tracker, Velocity & Burndown Chart: (4 Marks)

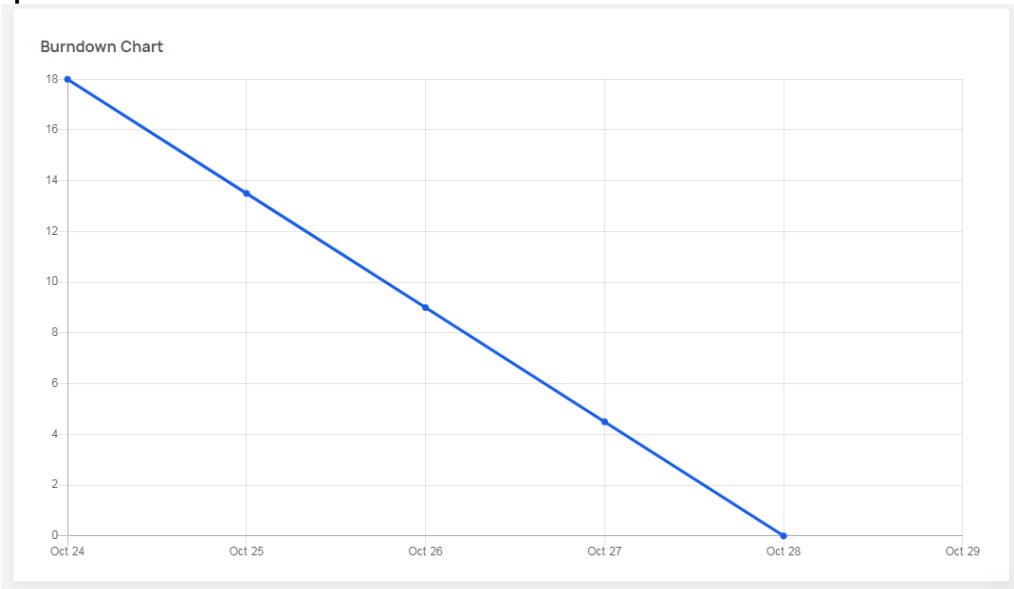
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:
Imagine we have a 5-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) periteration unit (story points per day)

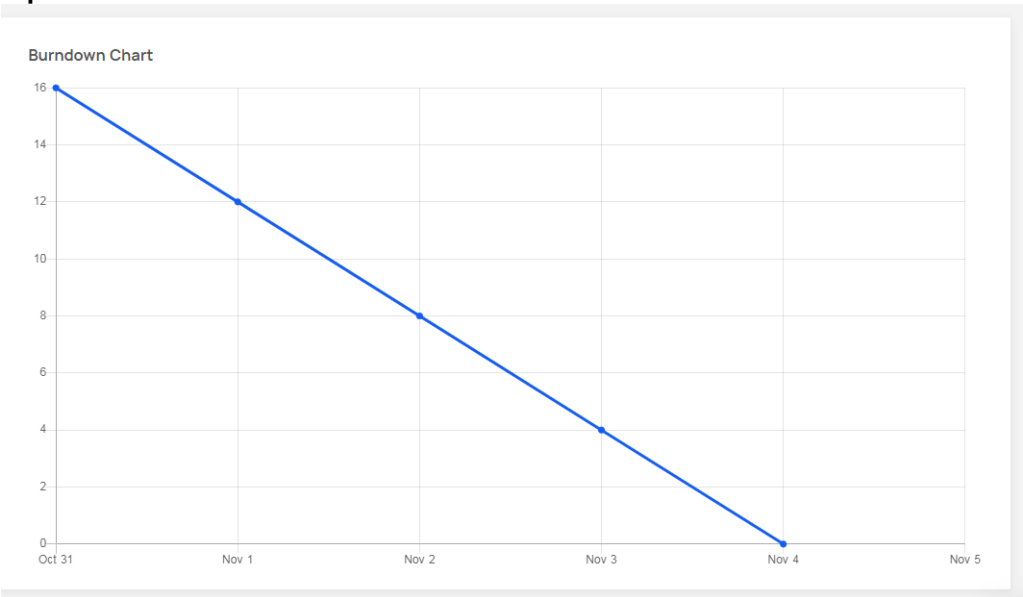
AV= Sprint duration/ Velocity = 20/4 =5

Total Average Velocity=5

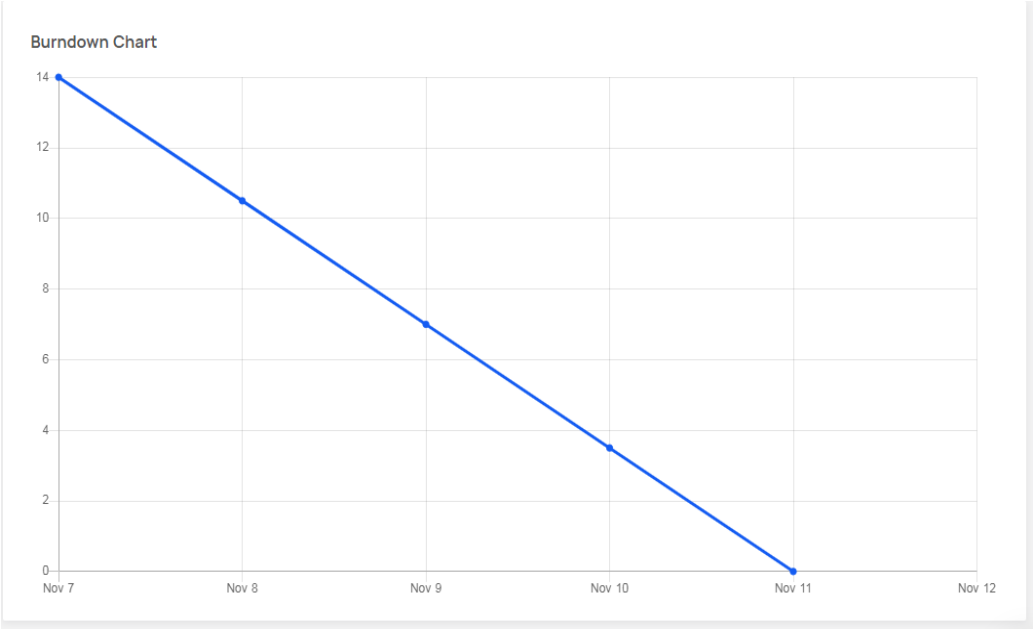
Sprint-1



Sprint - 2



Sprint-3



Sprint-4